

17707 U.S. PAT. 121203

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Docket No.: A03P1079US01  
Inventor(s): Jong Kil; Gene A. Bornzin;  
Peter Boileau; and Euljoon Park

EXPRESS MAIL NO. EV100891490US

Title: SYSTEM AND METHOD FOR EMULATING A SURFACE EKG  
USING INTERNAL CARDIAC SIGNALS SENSED BY AN  
IMPLANTABLE MEDICAL DEVICE

22264 U.S. PTO  
10/736111  
121203

MAIL STOP PATENT APPLICATION  
COMMISSIONER FOR PATENTS  
P.O. BOX 1450  
Alexandria, VA 22313-1450

Dear Sir:

Submitted herewith for filing are the following documents:

- ☒ 3 page(s) DATA SHEET
- ☒ 47 page(s) application including 42 pages specification; 4 pages claims, and 1 page abstract
- ☒ 20 Sheet(s) of Drawings  
Formal xx Informal
- ☒ Declaration
- ☒ Assignment
- ☒ Recordation Form Cover Sheet
- ☒ Power of Attorney by Assignee...
- ☒ Nonpublication Request Under 35 USC 122...
- ☒ Information Disclosure Statement
- ☒ PTO-1449 and references
- ☒ Return Postcard

| CALCULATION OF FEES |  |                     |        |                                |               |         |
|---------------------|--|---------------------|--------|--------------------------------|---------------|---------|
| ITEM                |  | NO. OF CLAIMS FILED |        | NO. OF ADDITIONAL CLAIMS FILED | LG ENTITY FEE | \$ FEE  |
| A                   | TOTAL CLAIMS FEE                                       | 16                  | - 20 = | 0                              | X \$18        | \$ 0    |
| B                   | INDEPENDENT CLAIMS FEE**                               | 3                   | -3 =   | 0                              | X 86          | 0       |
| C                   | SUBTOTAL - ADDITIONAL CLAIMS FEE (LINES A + B)         |                     |        |                                |               | \$ 0    |
| D                   | MULTIPLE-DEPENDENT CLAIMS FEE LARGE ENTITY FEE = \$270 |                     |        |                                |               |         |
| E                   | BASIC FILING FEE*LARGE ENTITY = \$770                  |                     |        |                                |               | 770     |
| F                   | TOTAL FILING FEE** (ADD TOTALS FOR LINES C, D, AND E)  |                     |        |                                |               | \$ 770* |

☒ Charge Deposit Account No. 16-0068  
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\$770\*

A copy of this letter is enclosed.

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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- X Any additional filing fees required under 37 CFR 1.16.
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- X Any patent application processing fees under 37 CFR 1.17.
- X Any filing fees under 37 CFR 1.16 for presentation of extra claims.


Respectfully submitted,

Date: 12/12/03  
Derrick Reed, Attorney for Applicants  
Reg. No. 40,138Correspondence Address:

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I hereby certify that this New Application is being deposited with the United States Postal Service as "Express Mail" mailing label number **EV100891490US** in an envelope as "Express Mail Post Office to Addressee" addressed to the:  
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P.O. Box 1450  
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December 12, 2003

  
Estella Pineiro  
Date: 12/12/03

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**NONPUBLICATION REQUEST  
UNDER  
35 U.S.C. 122(b)(2)(B)(i)**

First Named Inventor

Jong Kil

Title

**SYSTEM AND METHOD FOR EMULATING A SURFACE  
EKG USING INTERNAL CARDIAC SIGNALS SENSED  
BY AN IMPANTABLE MEDICAL DEVICE**

Attorney Docket Number

A03P1079US01

I hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing.

I hereby request that the attached application not be published under 35 U.S.C. 122(b).

12/12/03

Date



Signature

818/493-2200

Telephone number

Derrick Reed, Reg. No. 40,138

Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**

This collection of information is required by 37 CFR 1.213(a). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 6 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.